

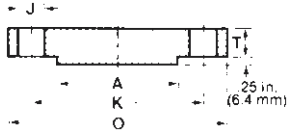
For sizes NPS 1/2 (DN 15) through NPS 3 1/2 (DN 90) use Class 600 (PN 100) flanges.<sup>1</sup>

NPS	DN	FLANGE OUTSIDE DIAMETER O	FLANGE <sup>2</sup> THICKNESS MIN. T	RAISED FACE DIA. A	BORE			LENGTH TRU HUB <sup>2</sup>			
					WELDING NECK B	SLIP-ON, MIN. C	LAP JOINT MIN. D	THREADED COUNTER-BORE MIN. E	WELDING NECK F	SLIP-ON, THREADED G	LAP JOINT H
4	100	10	1.38	6.19	To be specified by purchaser	4.57	4.60	4.63	3.5	2	2
		254	35.0	157.2		116.1	116.8	118	88.9	51	51
5	125	11	1.50	7.31		5.66	5.69	5.69	4	2.12	2.12
		279	38.5	185.7		143.7	144.5	145	101.6	54	54
6	150	12.5	1.62	8.5		6.72	6.75	6.75	4.06	2.25	2.25
		318	41.5	215.9		170.7	171.4	171	103.2	57	57
8	200	15	1.88	10.62		8.72	8.75	8.75	4.62	2.69	2.69
		381	48.0	269.9		221.5	222.2	222	117.5	68	68
10	250	17.5	2.12	12.75		10.88	10.92	10.88	4.88	2.88	4
		445	54.0	323.8		276.2	277.4	276	123.8	73	102
12	300	20.5	2.25	15.00		12.88	12.92	12.94	5.38	3.12	4.25
		520	57.5	381.0		327.0	328.2	329	136.5	79	108
14	350	23	2.38	16.25		14.14	14.18	14.19	5.88	3.31	4.62
		585	60.5	412.8		359.2	360.2	360	149.2	84	117
16	400	25.5	2.5	18.50		16.16	16.19	16.19	6	3.69	5
		650	63.5	469.9		410.4	411.2	411	152.4	94	127
18	450	28	2.62	21		18.18	18.20	18.19	6.5	3.88	5.38
		710	67.0	533.4		461.8	462.3	462	165.1	98	137
20	500	30.5	2.75	23		20.20	20.25	20.19	6.62	4	5.75
		775	70.0	584.2		513.1	514.3	513	168.3	102	146
24	600	36	3	27.25		24.25	24.25	24.19	6.88	4.5	6.25
		915	76.5	692.2		616.0	616.0	614	174.6	114	159

<sup>1</sup> Including SOCKET WELDING FLANGES

<sup>2</sup> Does not include .25" (6.4 mm) raised face.

BLIND



# CLASS 400 (PN 68) FLANGES FORGED STEEL ASTM A-105 ASME/ANSI B16.5

NPS	DN	DRILLING		DIAMETER OF HUB			LAP JOINT FILLET RADIUS r	APPROXIMATE WEIGHT			
		NO. OF HOLES	DIAMETER OF HOLES J	DIAMETER OF BOLT CIRCLE K	AT BASE	AT CHAMFER		WELDING NECK	SLIP-ON, THREADED	BLIND	LAP JOINT
					M	N					
4		8	1	7.88	5.75	4.50	.44	35	26	33	25
	100	8	26	200.0	146.0	114.3	11	15.8	11.7	15	11.3
5		8	1	9.25	7.0	5.56	.44	43	31	44	29
	125	8	26	234.9	177.8	141.3	11	19	14	20	13
6		12	1	10.62	8.12	6.63	.5	57	44	61	42
	150	12	26	269.9	206.4	168.3	13	25.5	20	27.5	19
8		12	1.12	13.0	10.25	8.63	.5	89	67	100	64
	200	12	29	330.2	260.3	219.1	13	40	30	45	29
10		16	1.25	15.25	12.62	10.75	.5	126	91	155	112
	250	16	32	387.3	320.7	273.0	13	57	41	70	50
12		16	1.38	17.75	14.75	12.75	.5	177	129	226	152
	300	16	35	450.8	374.7	323.8	13	80	58	102	68
14		20	1.38	20.25	16.75	14.00	.5	233	191	310	210
	350	20	35	514.3	425.5	355.6	13	105	86	140	95
16		20	1.5	22.5	19.0	16.00	.5	294	253	398	280
	400	20	39	571.5	482.6	406.4	13	132	114	179	126
18		24	1.5	24.75	21.0	18.00	.5	360	310	502	345
	450	24	39	628.7	533.4	457.2	13	162	140	226	155
20		24	1.62	27	23.12	20.00	.5	445	378	621	420
	500	24	42	685.8	587.4	508.0	13	200	170	279	189
24		24	1.88	32	27.62	24.00	.5	640	539	936	615
	600	24	48	812.8	701.7	609.6	13	288	243	421	277

POUNDS

KILOGRAMS